

HELLER-EDMUND

DISTRIBUTION MAPS

ADENOTA

AEPYCEROS

CERATOTHERIUM

GAZELLA

KOBUS

NESOTRAGUS

ONOTRAGUS

PROCAVIA

TRAGELAPHUS

Hobus vancouveri?

658	♂ ad	late no
659	" "	" "
660	" "	" "

Hobus thomasi

449	♂ yg	Myoia River				
451	" ad	" "				
452	♀ yg	" "				
453	♂ "	" "				
456	" ad	" "				
458	♀ "	" "				
459	" "	" "				
468	" "	" "				
469	♂ "	" "				

Kobus col sp?

590 ♂ ad Rhino Camp

594 ♀ " " "

604 ♂ yg " "

611 " ad " "

624 ♀ " " "

626 ♂ " " "

630 " " " "

Aderona *gibbula*

vaughani

	164774	164770	164778	164781
Locality	vaughani	leucotis	terraf	
Sex + age	♂ ad	♂ ad	♀ ad	♀ ad
basal leg.	273	275	256	251
zyg. Bd.	110	111	98	101
tooth row	74	73	74	65
diastema	86	86	84	87
pal. and. m ^t	68	70	65	67
hy. front part	105	100	76	broken
nasals.	115/25	121/29	107	109
premax	93	85	76	90
orbit to pteryg	157	152	161	158

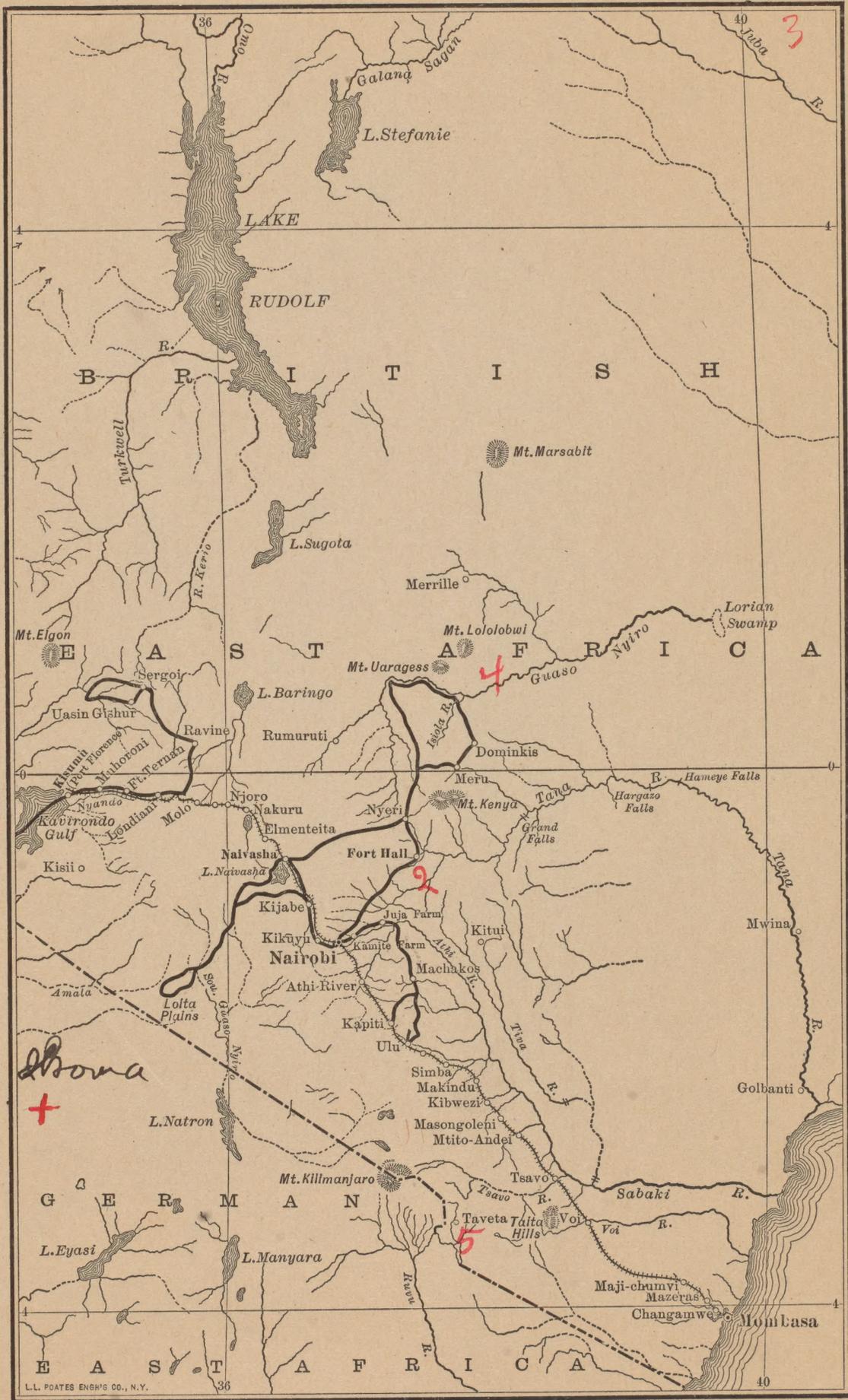
Iobus maria

655	♂ ad	Labor no.
656	" "	
657	" "	
661	♀ "	

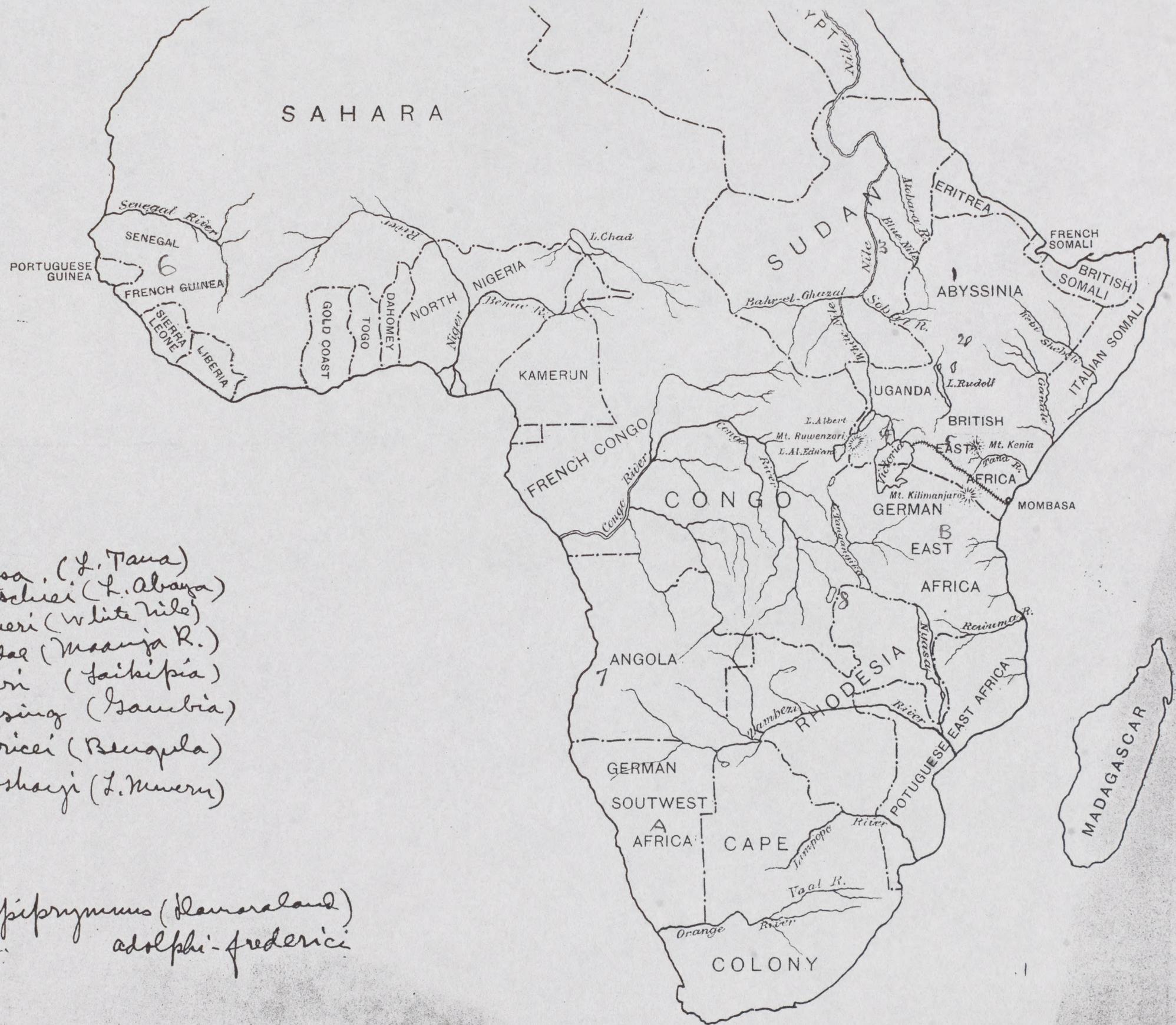
Nobius leucotis

662	♂ ad	Fahr No.					
663	♀ "	Bahr-el-Zeraj.					
664	♂ "	"	"				
665	" "	"	"				
666	♀ "	"	"				

Ko. ellipsiprimum



- + *adolphi-federici* (Iksona)
- 2 *thiba*
- 3 *pallidus*
- 4 *canescens*
- 5 *purpur*

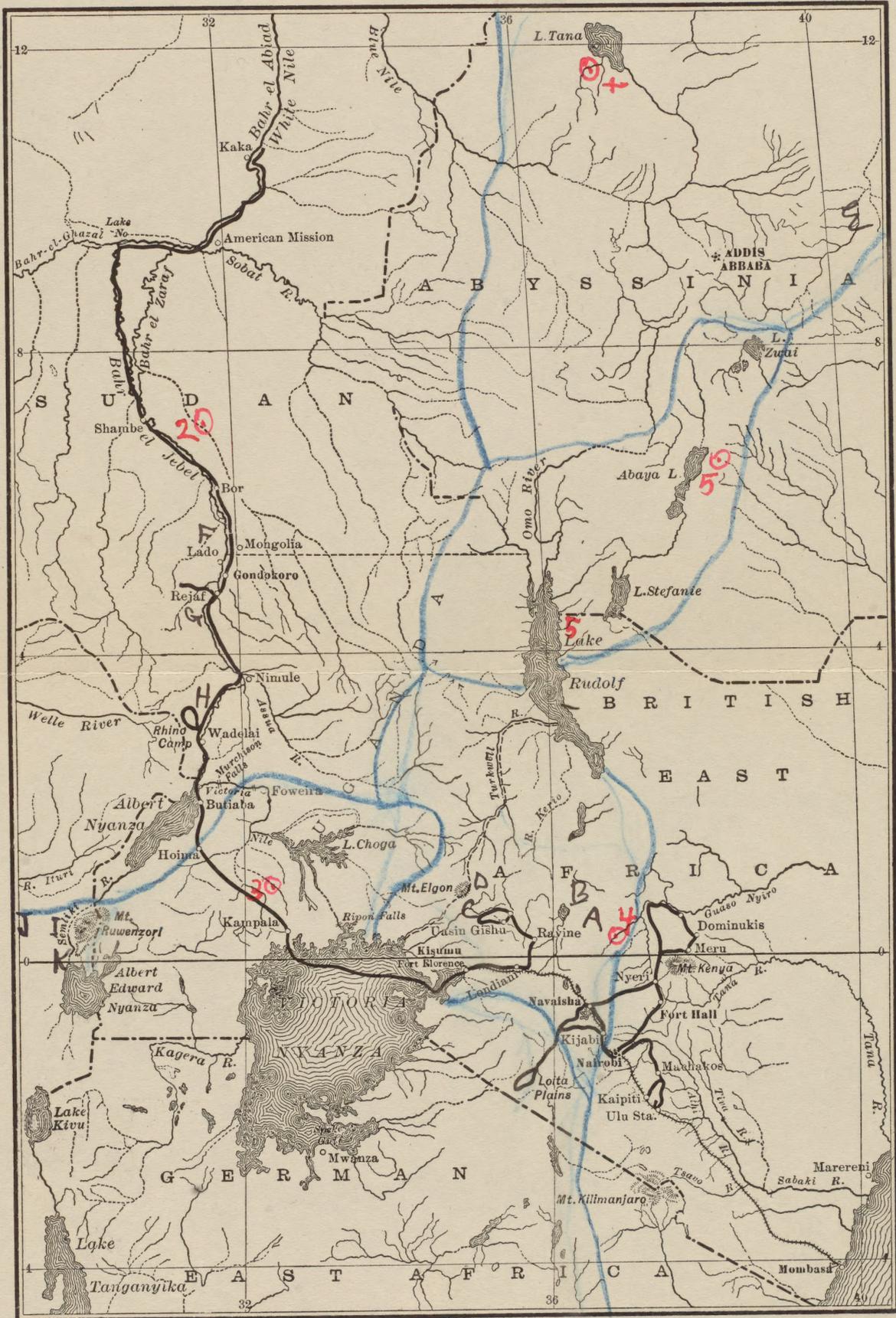


Kobus

- 1 *defassa* (L. Tana)
- 2 *melancholicus* (L. Abaya)
- 3 *harreri* (White Nile)
- 4 *ugandae* (Maanja R.)
- 5 *tyaderi* (Saihipia)
- 6 *singsing* (Gambia)
- 7 *peruicei* (Benue)
- 8 *crawshayi* (L. Mweru)

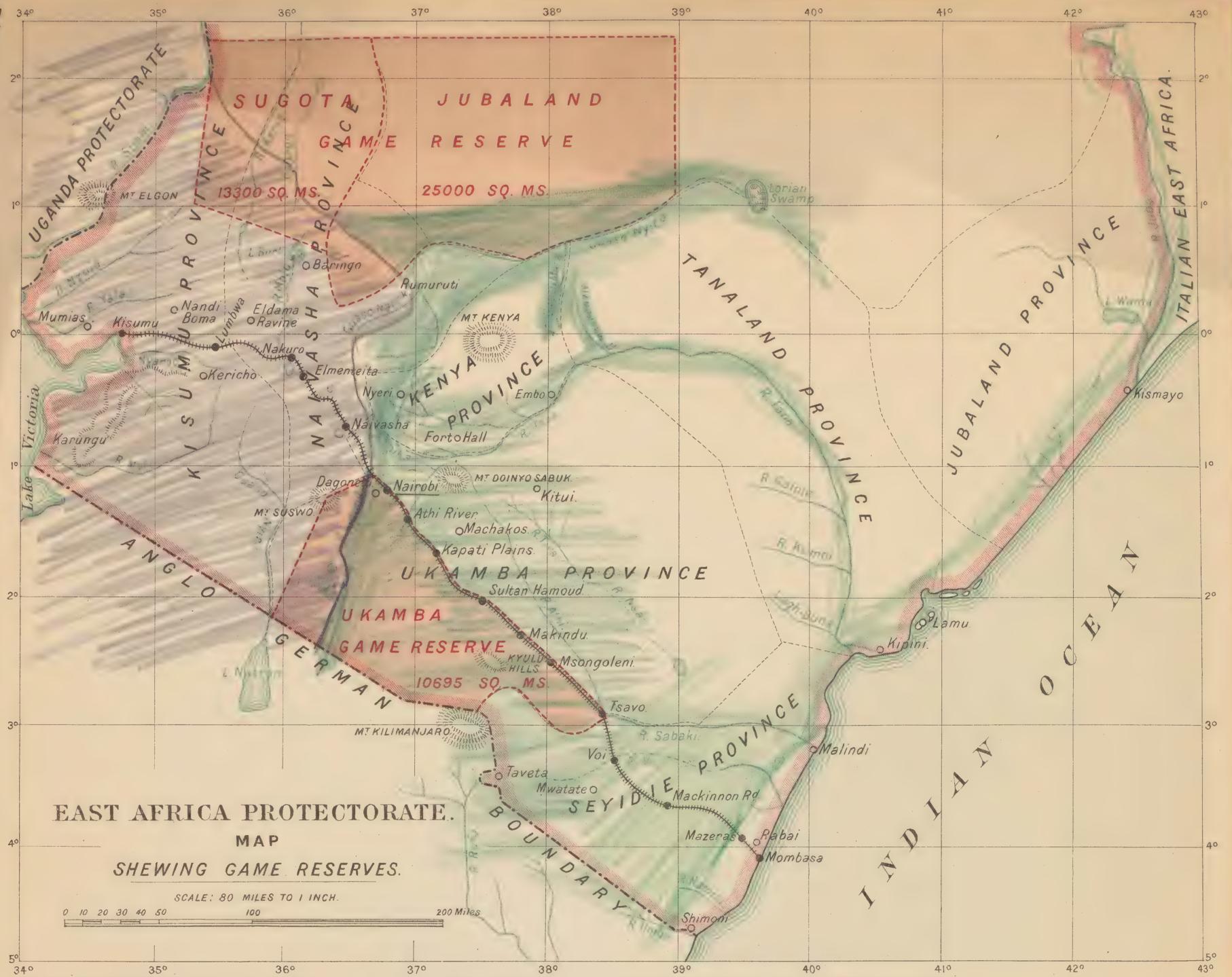
- A *ellipiprymus* (Damaraland)
 B " *adolphi-frederici*

removed to Box 10

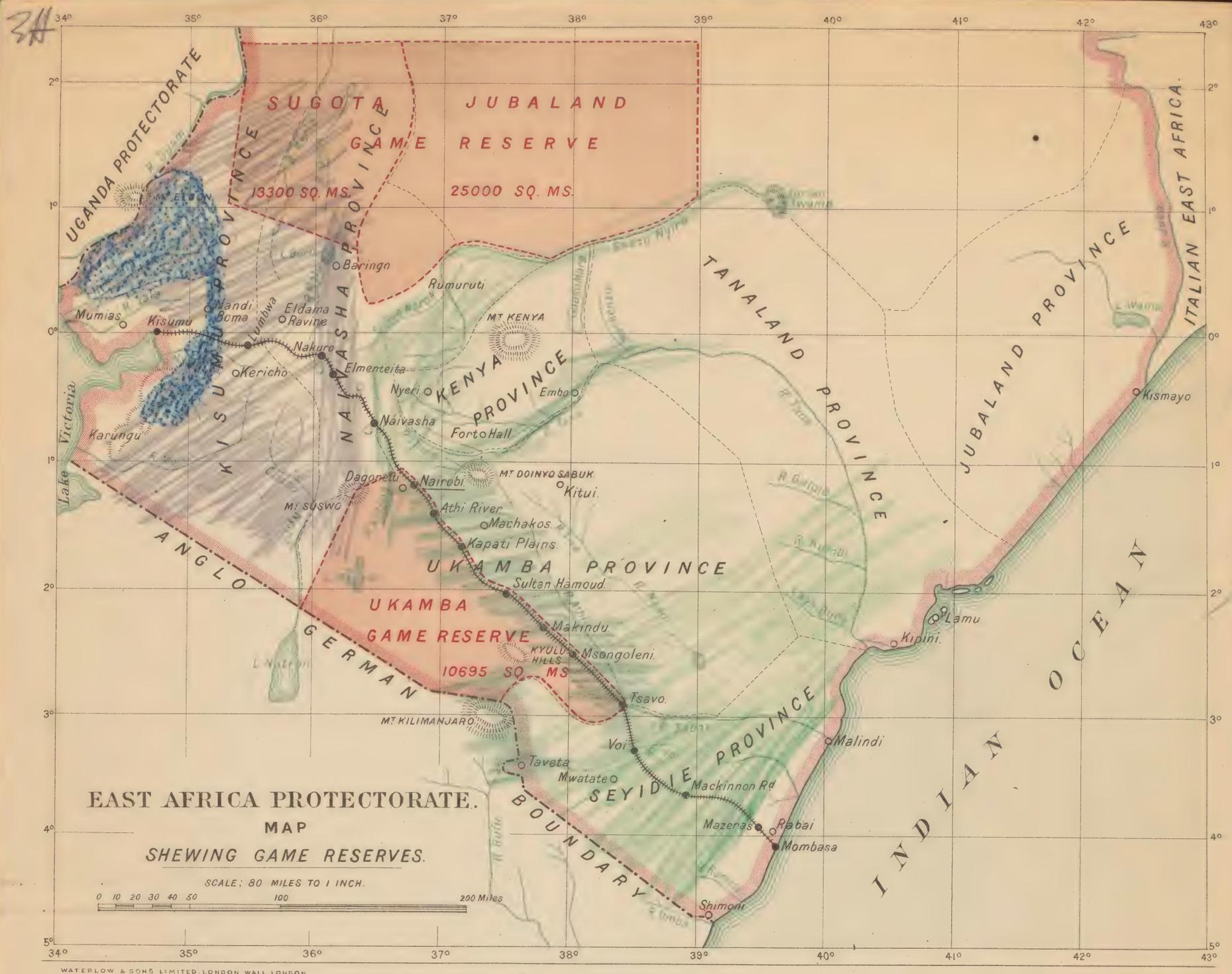


- 1910
Matschie (defassa)
 A *powelli*
 B *angusticeps*
 C *nyoiae*
 D *fulvifrons*
 E *hawashensis*
 F *griseotinctus*
 G *ladensis*
 H *breviceps*
 I *avellanifrons*
 J *dranae*
 K *cottoni*

- + *Kobus defassa*
 2 .. *barrieri*
 3 .. *ugandae*
 4 .. *tjaderi*
 5 .. *matschiei*



— *Kobus ellipsiprymnus*
 - - - *defassa*





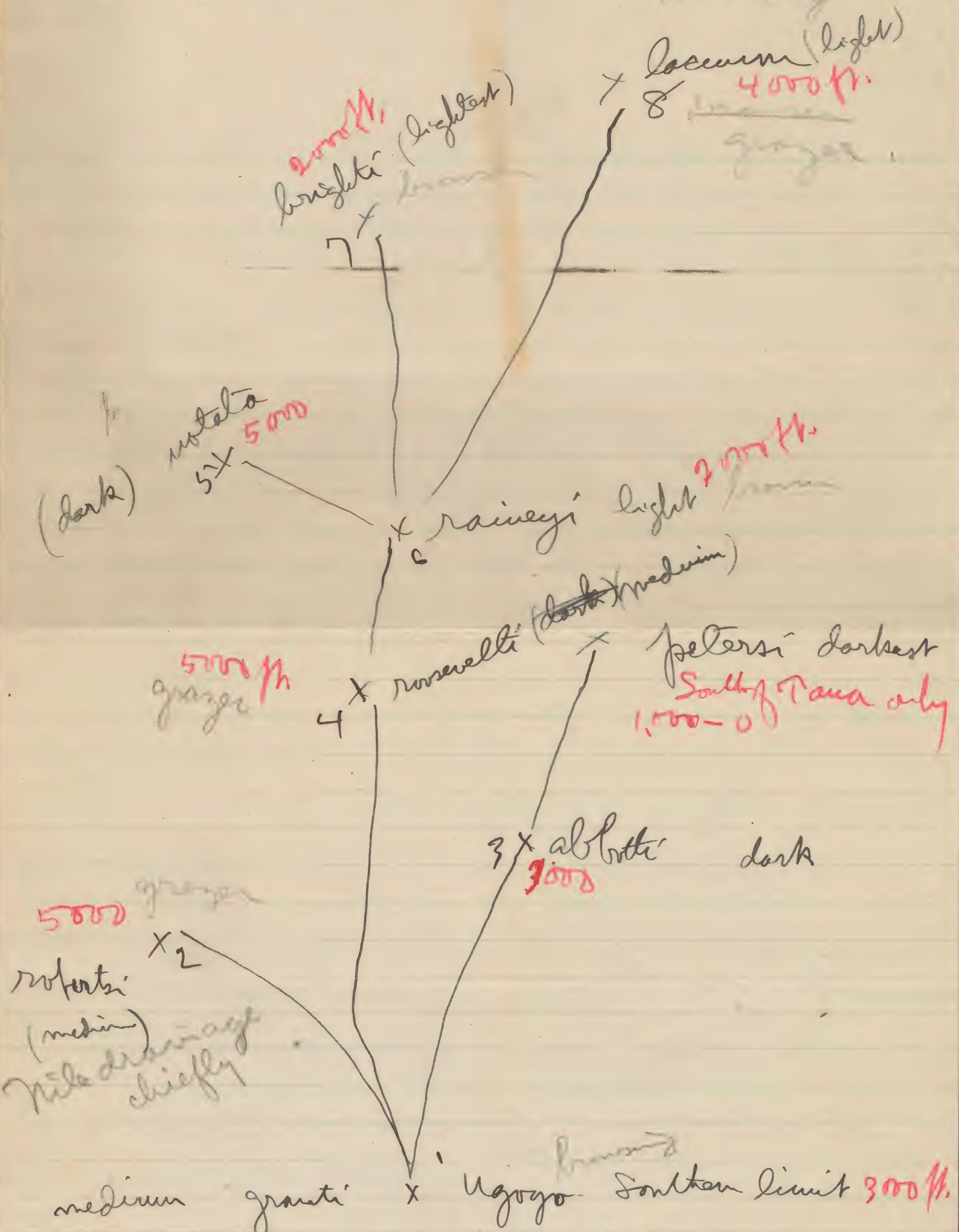
massailand)
s (Jado + Ng.)

yo)
si (Mwanga)
la (Songozi mtus.
ti' (150 M. E. of Jado)
i (Tana River)
um (L. Quai)

Removed to Box 10

Recess G. granti

habitats of grassy
savanna



2700-3500 - dry wet plain
 Horns longer than alti + color lighter
 wider spread, approaching robertsi

oversize

36

40

44



BRITISH EAST AFRICA PROTECTORATE

Elmolo
Teleki Vol.
M. Inuro
Loldibo M.
RENDILE
Crater L. Mursabit
&
SAMBORU
Lasamis
Wandorobo
L. Sugota
Martinasor
Debess
Lorian Swamp
M. Chibara mani
Loroghi Mts
M. Gargues
Chandler Falls
Guaso Nyiro
Ard Garas
Wama
Muk Buna
Kabobe Saku
Balballi
Shurtali
Duwa
Ashai
Darken
Kori
Hashaovl
Hashashura
Yamakal
Brava
Aduangi
L. Gami
Aclabshir
Owen
Yogiri
Igula
Mataku
R. Sheri
R. Juba
R. Laldera
Wama
L. Hardinge
Mataku
Lanshari
Hindi
Gobwen
Purki Kill
Juba or Jub R. (Webi)
C. Bissell
Kismayu & Isl.
C. Blankett
Kilcate
Manyole
Turi
Ripa (Masa)
Kuru
Komeri
Kinakombe
Ndera
Mwina
Witu
Wange
Fazy
Kiomboni
Ribu
Kwaihu I.
Kwaihu B.
Patta
Patta Isl.
Shamba R.
Thoala I.
Port Durnford
Kiunga
Sub. Tel.

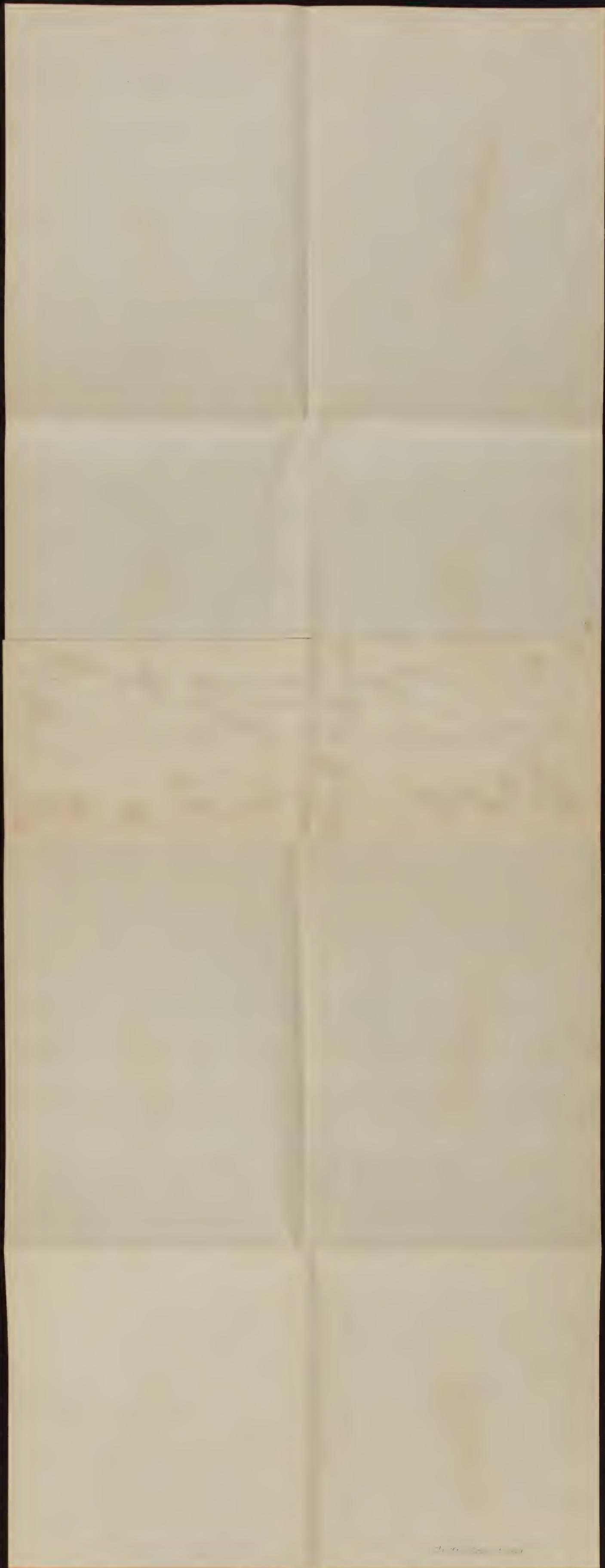
X 1500 ft of ...

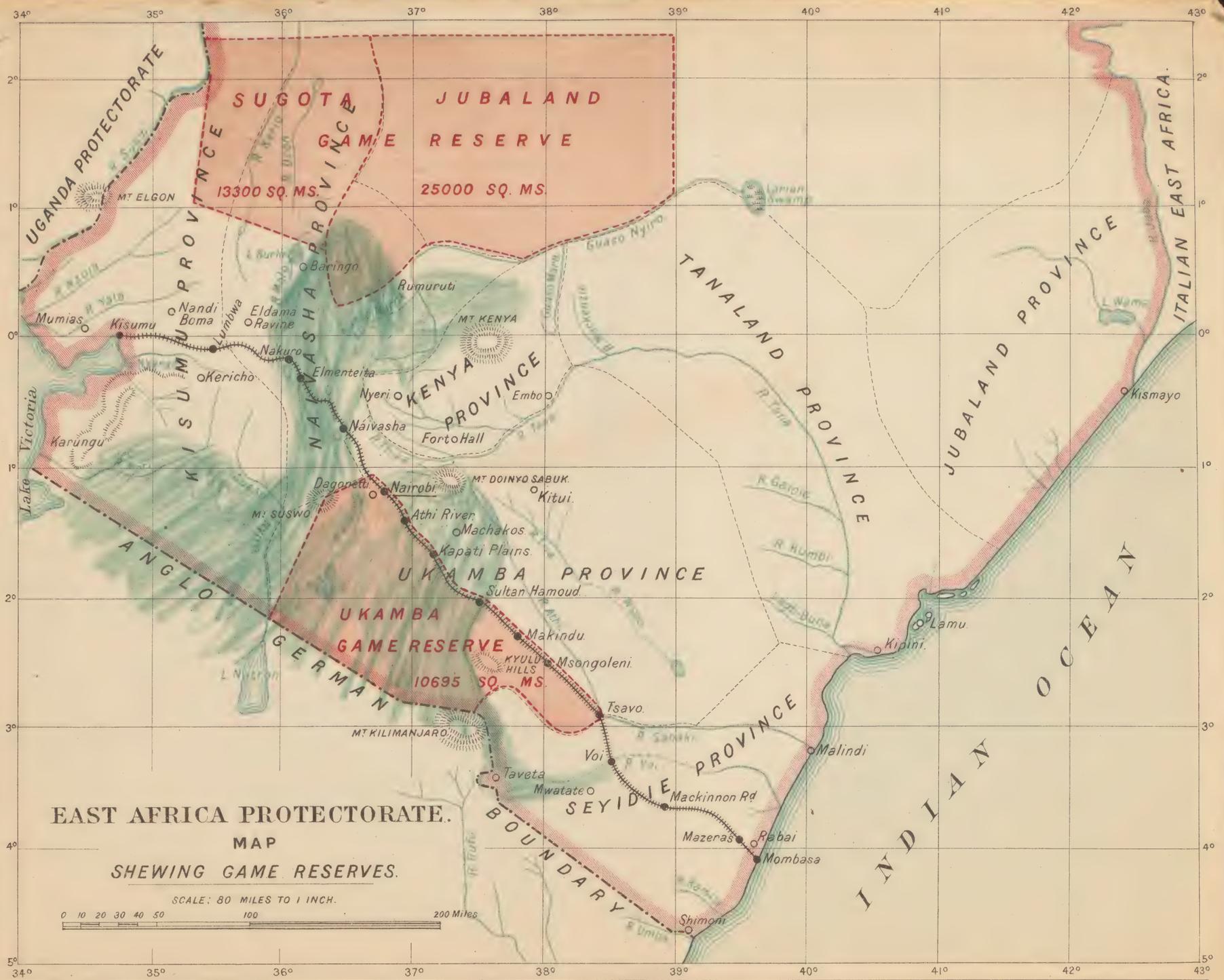
X ...



R 7179 B9 F94

S. Grant





Gazella thomsoni



EAST AFRICA PROTECTORATE.
MAP
SHEWING GAME RESERVES.

SCALE: 80 MILES TO 1 INCH.
0 10 20 30 40 50 100 200 Miles

— Gazella granti
 — " robertsi
 — " petersi
 — " notata
 — " brighti
 Petersi - touches RR at mile 90, only on S. bank of Tana, not known north of River.

H
 Uganda
 Ugogo

White Rhinoceros



- 1 *Ceratotherium simum simum*
- 2 " " *cottoni*

Proof wanted.

E.H.

Diceros bicornis

			lg.	tl.	fr.	ca	hg.
46	♂ ad	Kilima Neri	9-6	2-			5-3
58	♀ im	Jinja	8-11	1-11 ³ / ₄			4-8
132	♂ ad	Solih	12-3	2-6	1-5 ¹ / ₂	9 ¹ / ₄	4-9
143	♀ "	"	10-3	2-2 ¹ / ₂	1-5	8 ¹ / ₂	5-1
144	♂ calf	"					
181	♀ ad.	"	10-3	skin			
182	♂ yg.	"					
187	♀ ad	"					skel. only
204	" "	"					(Beitola) 11- 5-4
356	♂ "	Mern					skull
?	?	?					Horns only

Thickness

depth
dorsal
concavity

162936

63

162938

83

162930

68

164600

61

162935

53

162931

55

162937

52

162948

54

in

36879

54

in

162933

61

162946

58

Rhinoceros micornis

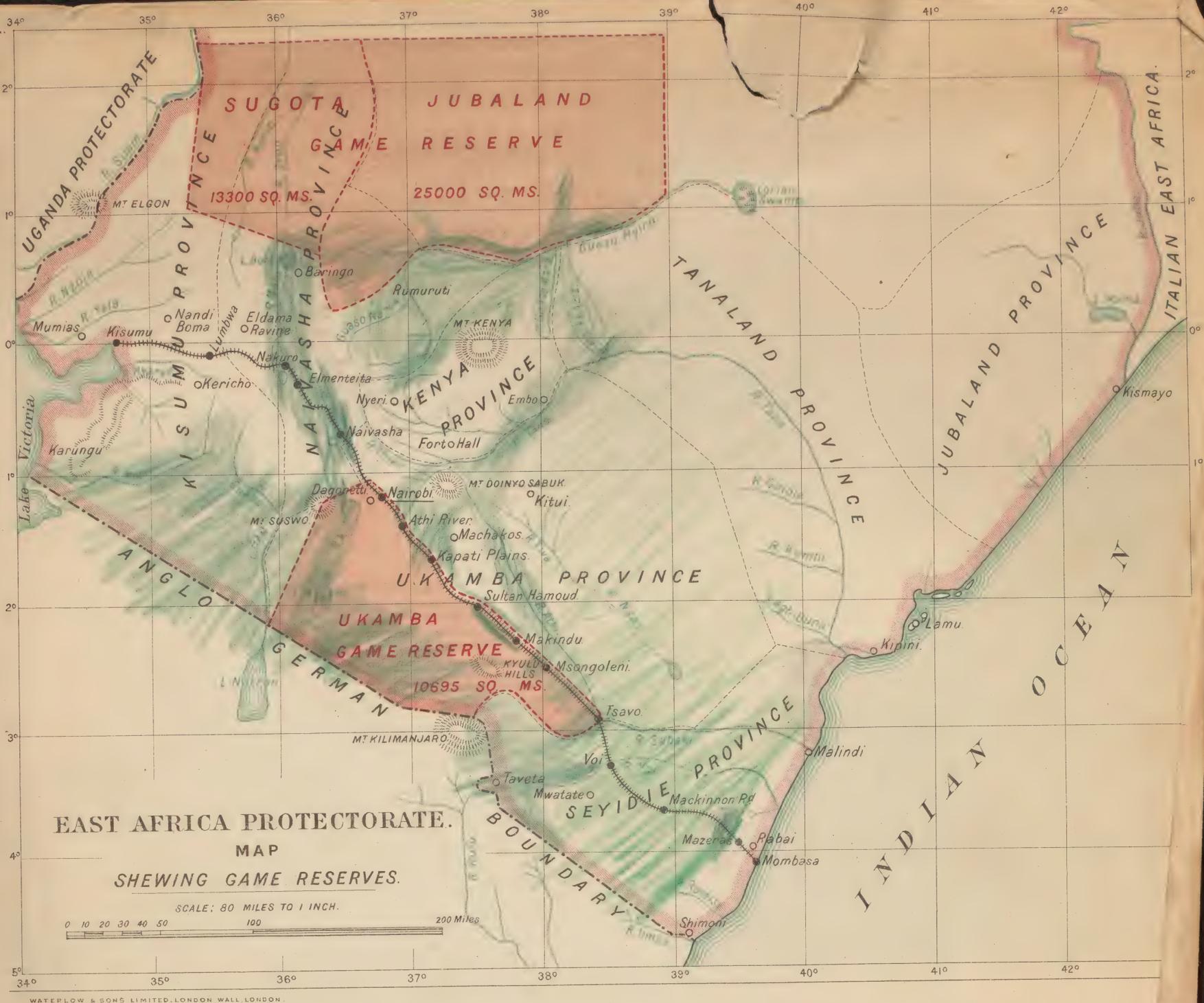
Museum Lye, Game of India

		lg.	h.	fh	su	lg	gilt
♂ ad	Gen. Kinloch	10-6	2-5			5-9	9-8
	Maharaja	11-11	2-2			6-4	
		11-2	2-			6-1	
		11-8	2-2			6-½	

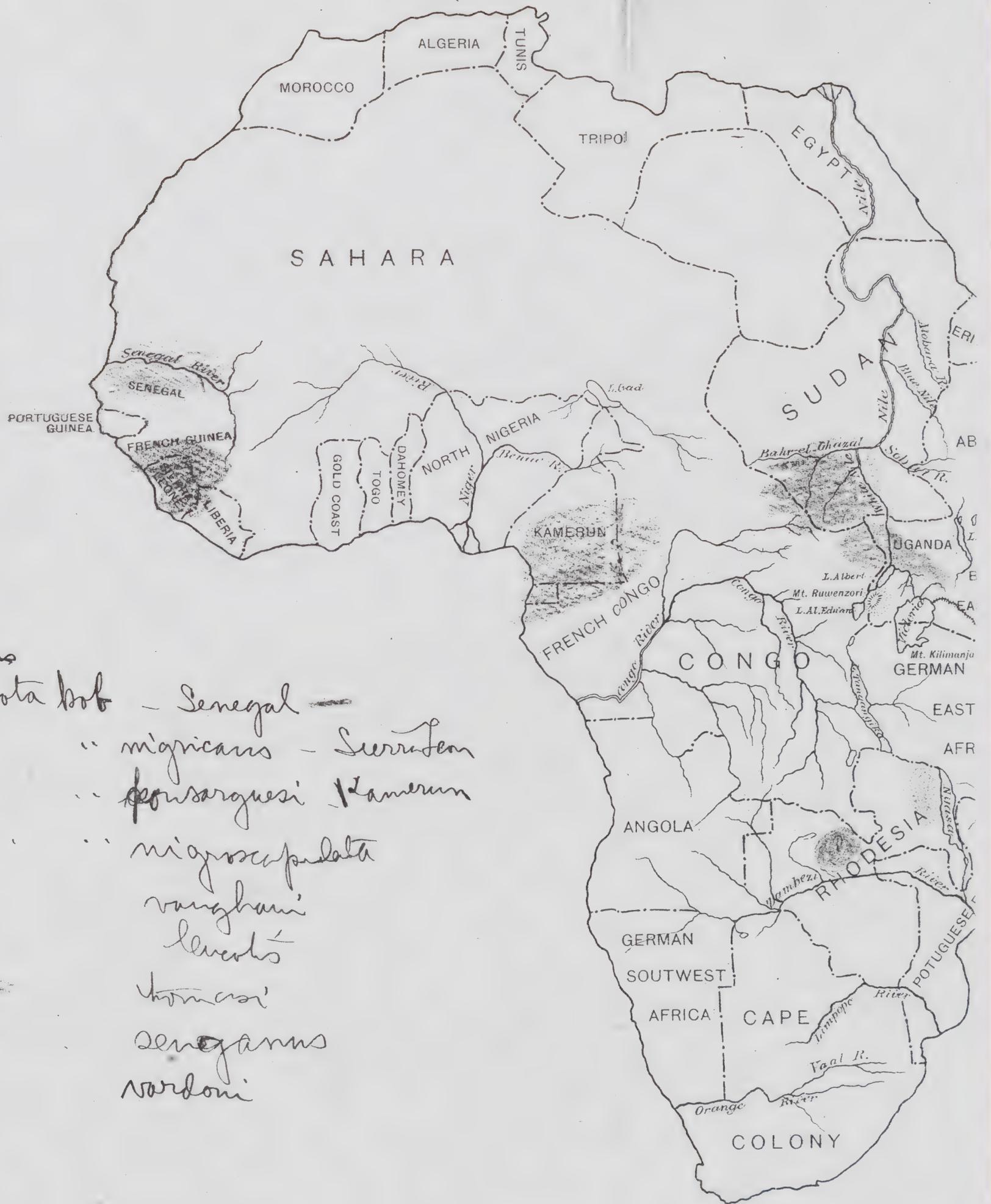
Holi.

	I	II	III	IV	V
	Diceratherium	Aceratherium	Brachypoda	Ceratium	Quadrant
Leptichcephalic	X	X		X	X
Nasal horns paired	X				
Incisors well developed	X	X	X	X	
Long limbed	X	X		X	X
Bodies slender	X				
horns subterminal or none		X		X	X
frontal horns small		X		X	X
Brachycephalic			X	X	
Nasal horns only			X		
Short limbed			X		X
incisors wanting					X

3A



Aepyperos swara



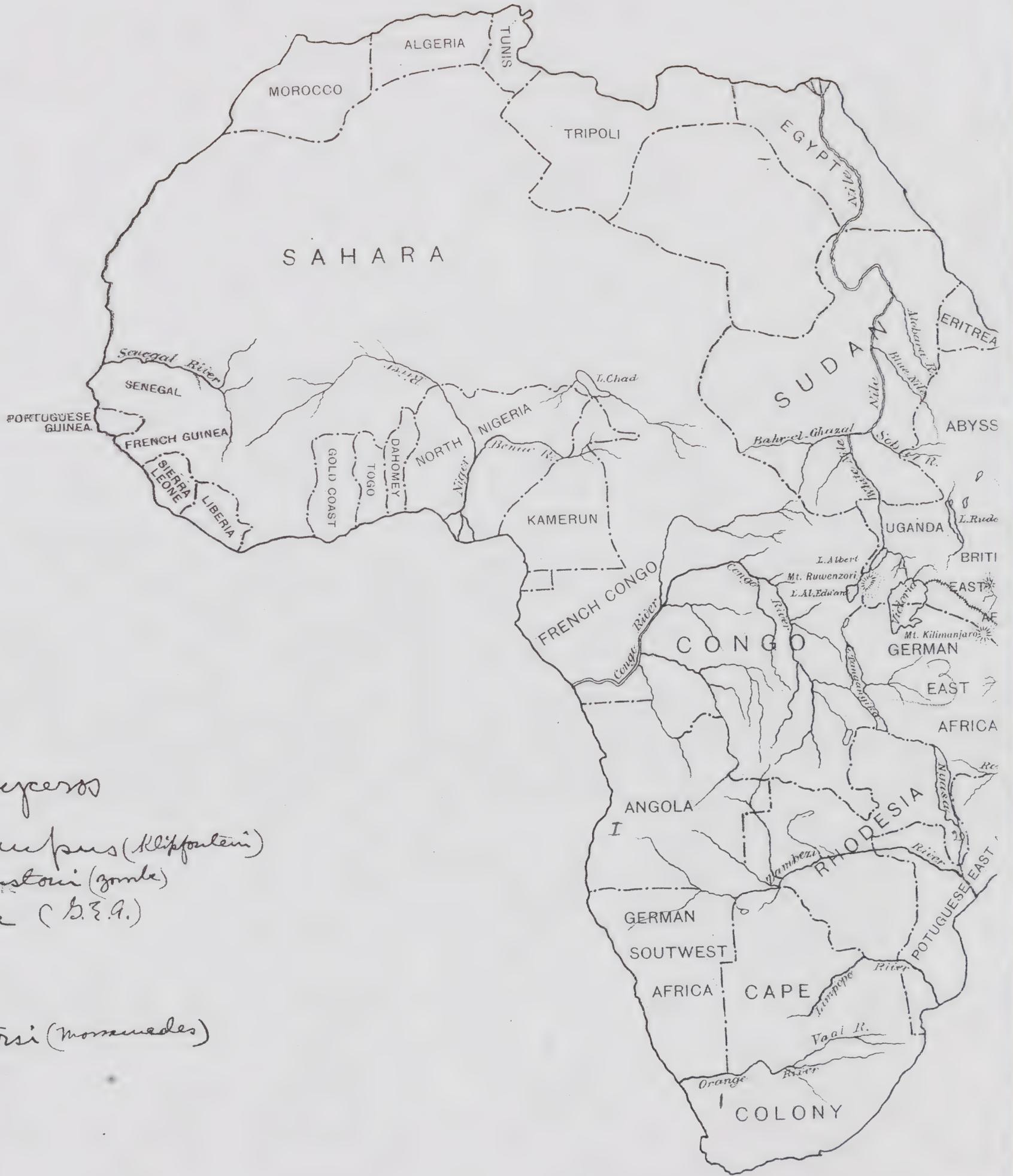
- Adenota*
- Adenota bob* - Senegal
 - " " nigricans - Sierra Leone
 - " " fonsarguesi Kamerun
 - " " nigroscapulata
 - " " vanghani
 - " " leucotis
 - " " thomasi
 - " " senegans
 - " " nardoni

in Box 10



Aepyperos melampus
 " " *johustoni*
 " " *swara*
 " " *petersi*

in Box 10



Aepyceros

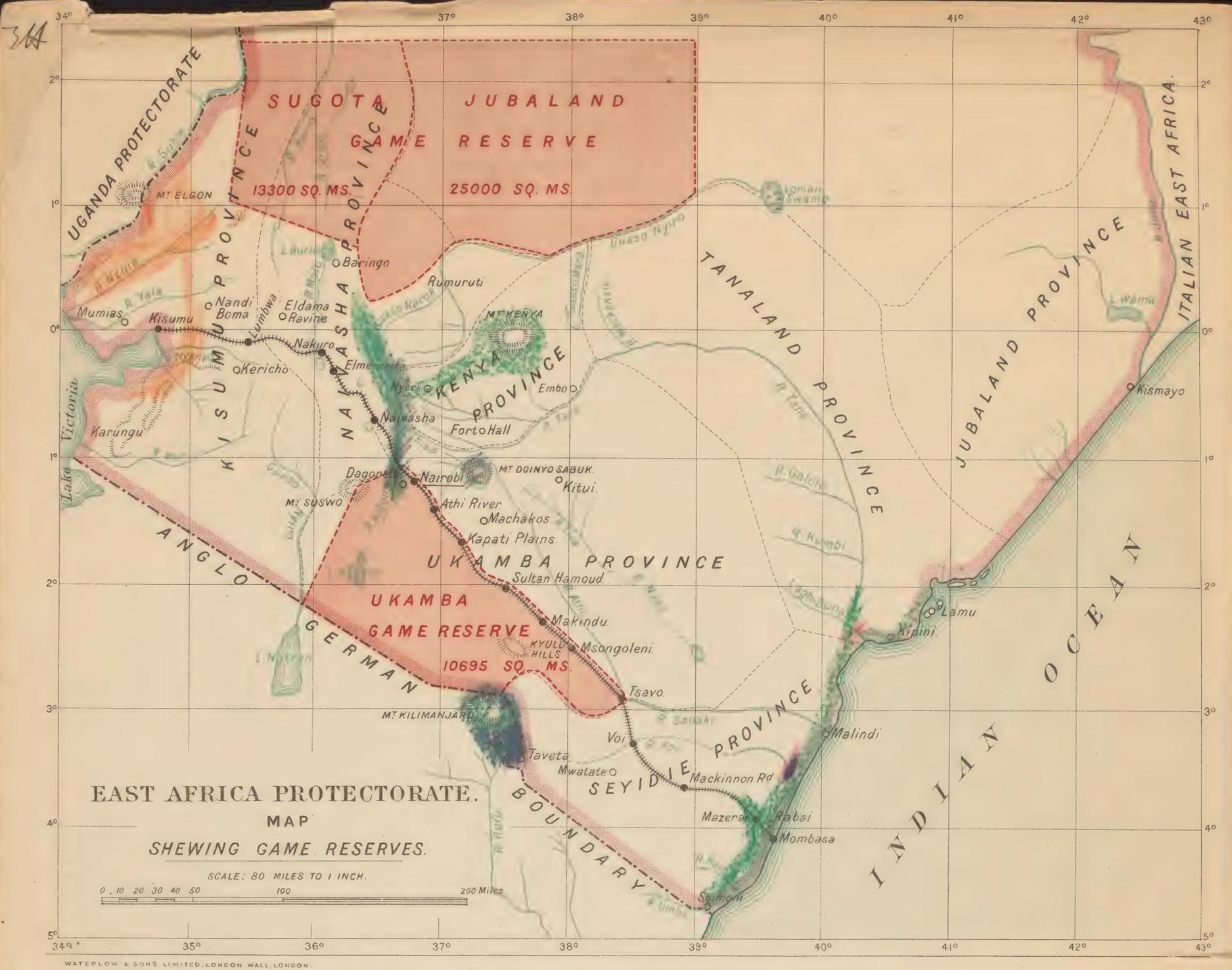
- 1. *melampus* (Klipfontein)
- 2. *johnstoni* (Zomba)
- 3. *suara* (B.S.A.)

I *petersi* (Mossamedes)

in Box 10

Odocoileus Bob.

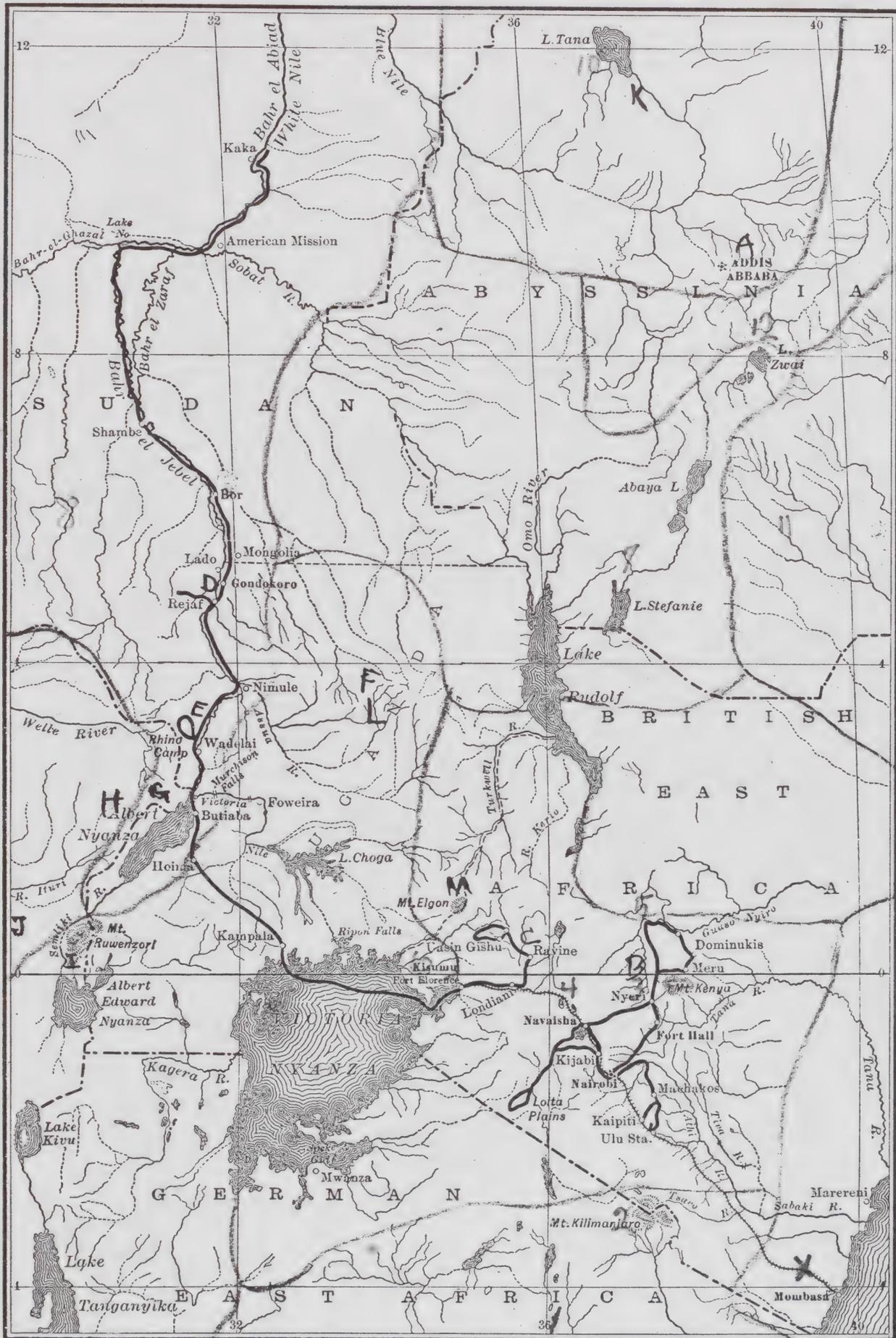
No. U.S.N.M.	164788	164786	164803
Sex and age	♂, aged	♂ adult	♂ adult
Locality	Rhino Camp	Rhino Camp	Rhino Camp
Date			
Collector			
Horn length, straight			
.. .. spiral curve	16	18 1/2	19 1/2
.. spread at tips			
.. .. greatest			
.. circumference at base			
Length, head and body			
.. tail vertebrae			
.. hindfoot			
.. ear			
Height at shoulders			
width of neck			
.. chest			
Skull, condylo basal length	285	298	288
.. zygomatic breadth	107	111	115
Orbit to premaxilla tips			
Tachyprael length (antorbital protuberance)			
Premaxilla depth (length ..)	90	85	97
Nasal length x breadth	118 X 25	120 X	122 X
width (greatest)	67	70	74
Depth of brain case, fronto-parietal suture	97	104	100
Maxillary tooth row, length	68	78	76
.. diastema	96	96	
Mandible, condylo basal length			
.. diastema			



Copied on separate sheet → *Nesotragus moschatus*
 Copied on separate sheet → *Cephalophus harveyi*
 Copied on separate sheet → *Hobus thomasi*

Nesotragus

Removed to
BX 10

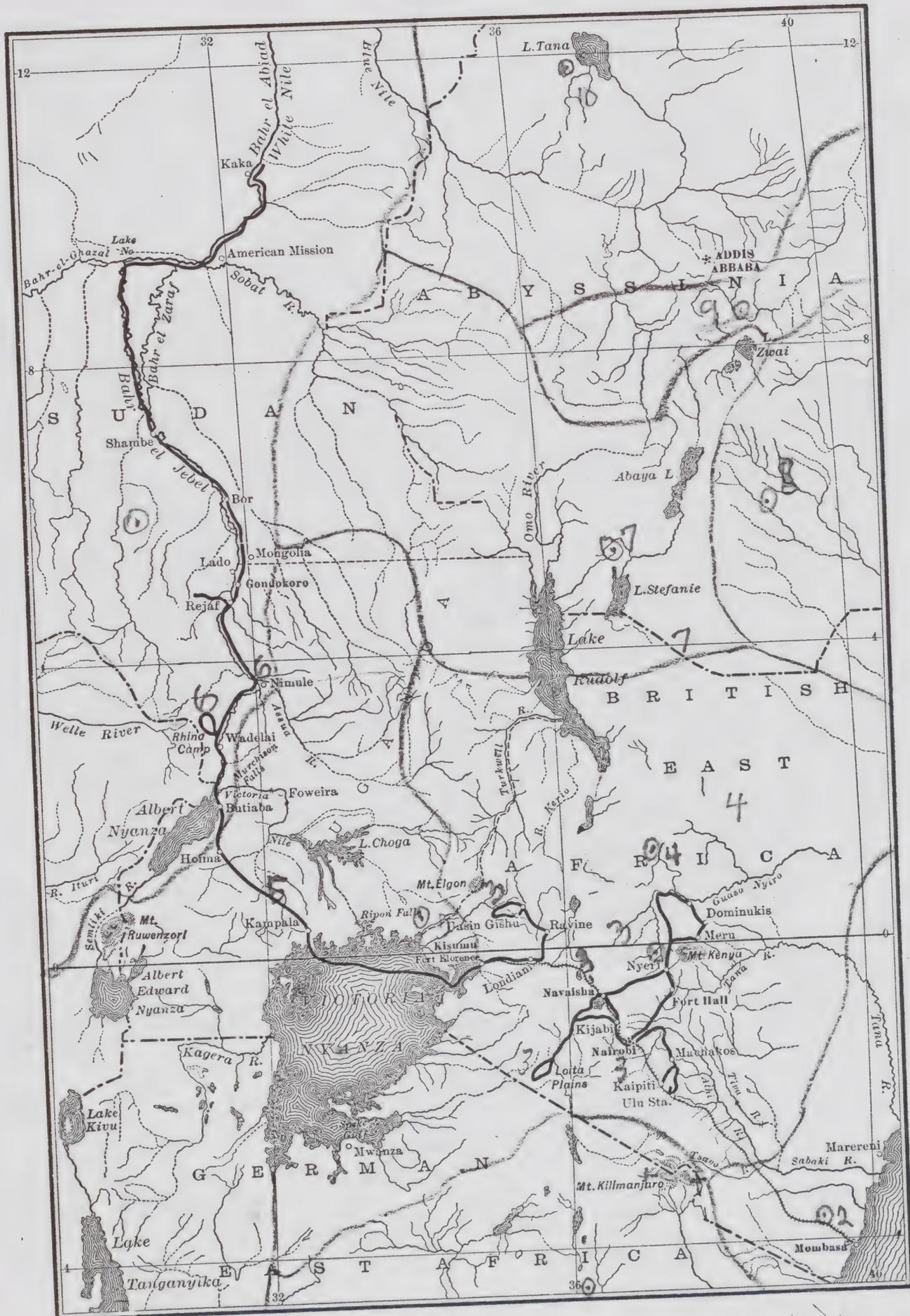


- F - dodingae M
- G - diouae M
- H - simplex M
- I - sassae M
- J - makalae M
- K - fulvocraceus M
- L - locorinae M
- M - laticeps M
- X majae M

- 1 *Tragelaphus nassatus*
- 2 ————— *meruensis*
- 3 ————— *heywoodi*
- 4 ————— *tjaderi*
- 5 ————— *delmeriei*
- 6 ————— *laura*
- 7 ————— *nigripictatus*
- 8 ————— *bor*
- 9 ————— *fasciatus*

- 10 — *decula*
- 11 — *meneliki*
- 12 — *multicolor*
- A — *powelli* (Addis Abbaba)
- B — *brunneus* M
- C — *eldouae* M
- D — *cottoni* M
- E — *meridionalis* M

removed
to Box 10



- + *Troglodytes scriptus massaicus*
- 2 _____
- 3 _____
- 4 _____ *heywoodi*
- 5 _____ *delemeriei*
- 6 _____ *dama*
- 7 _____ *bor*
- _____ *nigricollis*
- _____ *moelili*

removed
to Box 10



Tragelaphus

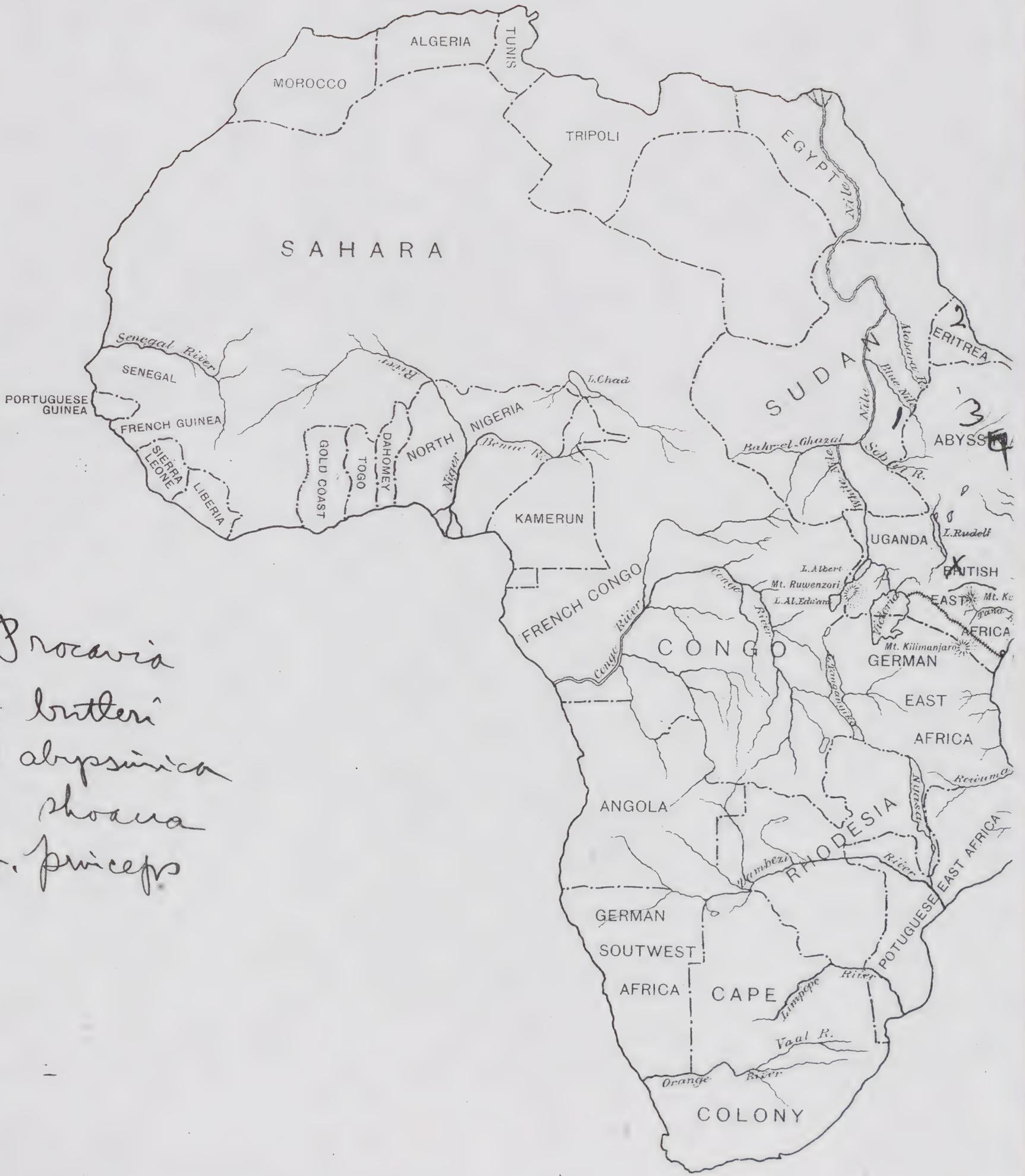
- 1 sylvaticus (Cape)
- 2 ronalensis (Limpopo)
- 3 ornatus (Chobe R.)
- 4 massaicus (Iruqi)
- 5 meruensis (Mt. Meru)
- 6 tjaderei (Nalsum)
- 7 heywoodi (Nyeri)
- 8 darna (Kairondo)
- 9 nigripunctatus (L. Stephanie)
- 10 bor (n. Nile)
- 11 decula (L. Tana)
- 12 multicolor (Nansoch River)
- 13 meneliki (Wabbi)
- 14 fasciatus (Wabbe R. Soudiland)
- 15 delaveri (Sayer Somali)
- 16 phaleratus (H. Congo)
- 17 keuntsoni (Cameroon Atlas)
- 18 scriptus (Senegal)



Tragelaphus

- 1 *nastasicus* S.E.A. Drangi
- 2 *meruensis* " Mt. Meru
- 3 *heywoodi* B.E.A. Niger
- 4 *tyaderi-heywoodi* " Naburn
- 5 *dama* " Vict. Nyanga
- 6 *bor* " Luta Hill
- 7 *phaleratus* French Congo
- 8 *mignisolatus* S. Stephanie
- 9 *decula* " Dama
- 10 *merulibi* " Walbi Riv.
- 11 *multicolor* " Namach "
- 12 *delameri* " Samaliland, Sayer
- 13 *fasaiatus* " " Walbi Riv.

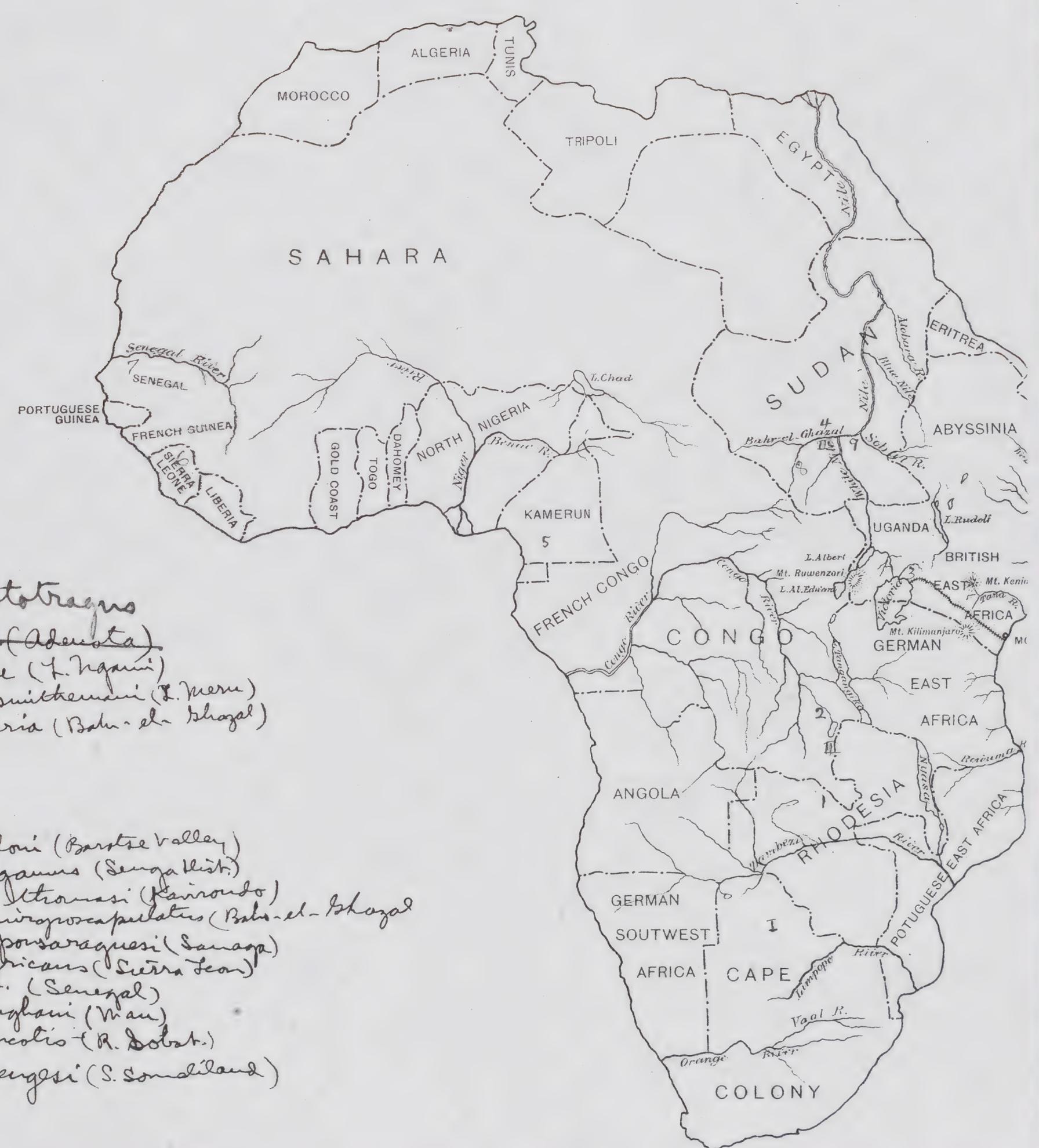
Removed to
Box 10



Procavia

- 1 — *butleri*
- 2 — ~~*abyssinica*~~
- 3 — *shoana*
- 4 — *h. princeps*

removed to
Box 10



- Quototractus*
~~Hott (Adeusta)~~
 I *leche* (T. Ngami)
 II " *smithemani* (T. Meru)
 III *maria* (Bahr-el-Ghazal)
- 1 *wardoni* (Barotse valley)
 2 *segaensis* (Senga dist.)
 3 *bob thomasi* (Kairoua)
 4 " *nigroscapellatus* (Bahr-el-Ghazal)
 5 " *pousaquesi* (Sanga)
 6 *sinigricans* (Sierra Leon)
 7 *bob.* (Senegal)
 8 *roughani* (Wau)
 9 *leucotis* (R. Sobat.)
 ? *k. mergesi* (S. Soudiland)

DISTRIBUTION M.F.H.

HELLER-EDMUND

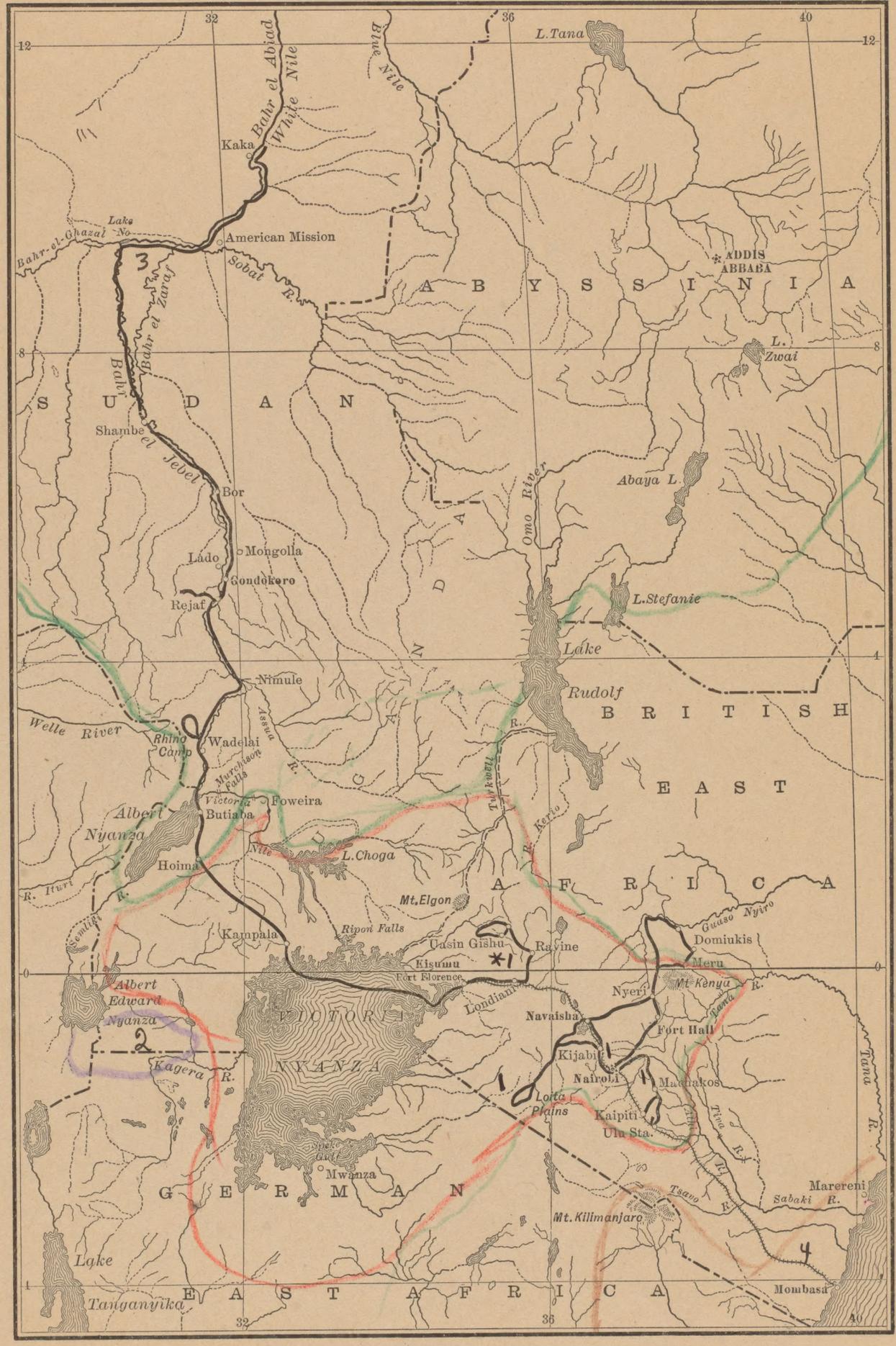
REDUNCA FULVORUFULA CHANLERI

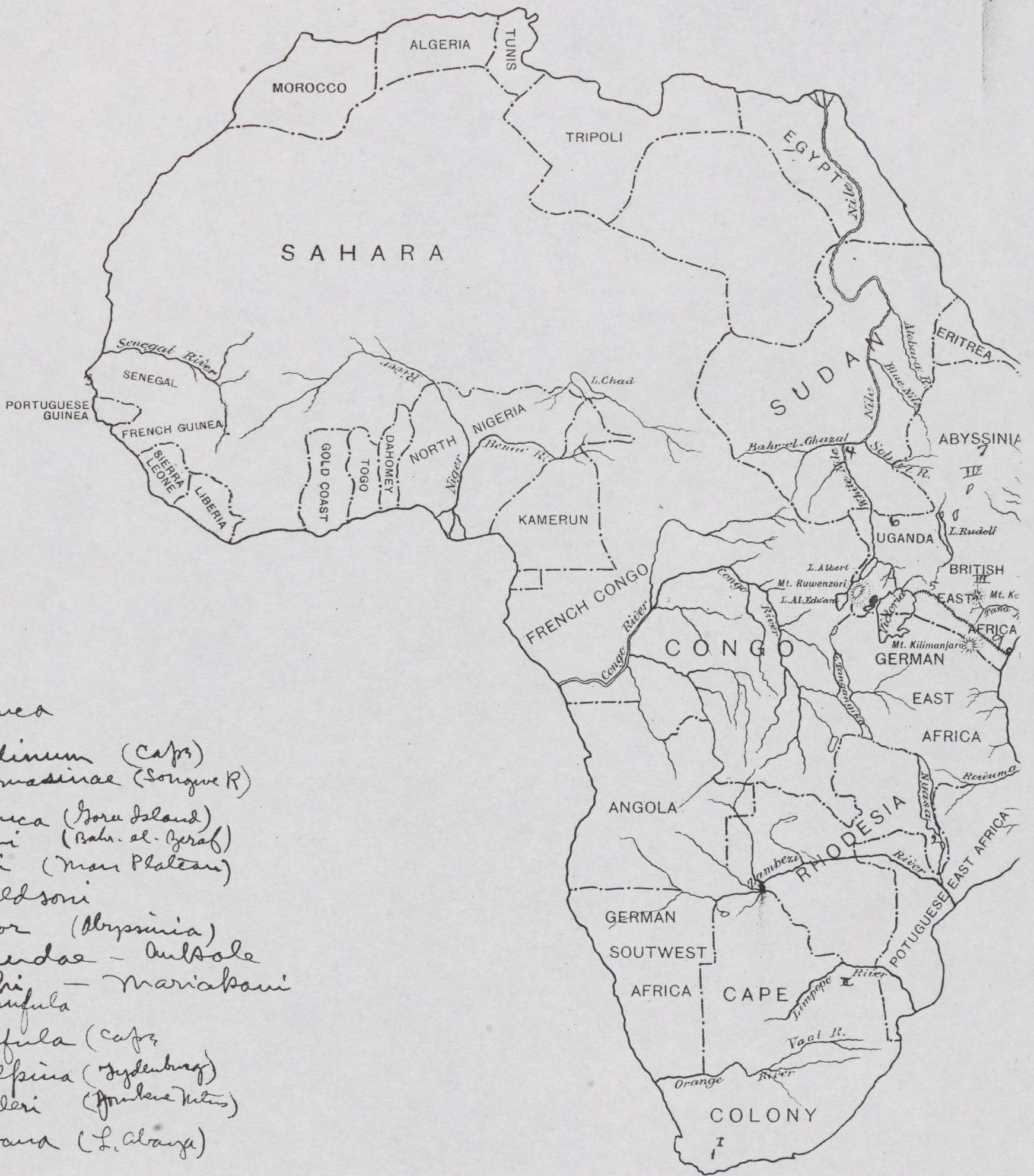
Redunca, Key Horns (Rothschild)

- A¹ Points of horns turned inward
- B¹ Horns short, stout
- C¹ Horns curved outward (bohor
(wardi
- C² " " forward redunca
- B² Horns long, slender, curved outward donaldsoni
- A² Points of horns turned outward or hooked straight forward
coltoni
arundinum

Reduina reduna

Reduina n.
nardi 1 —
nganda 2 —
cottoni 3 —
tohi 4 —

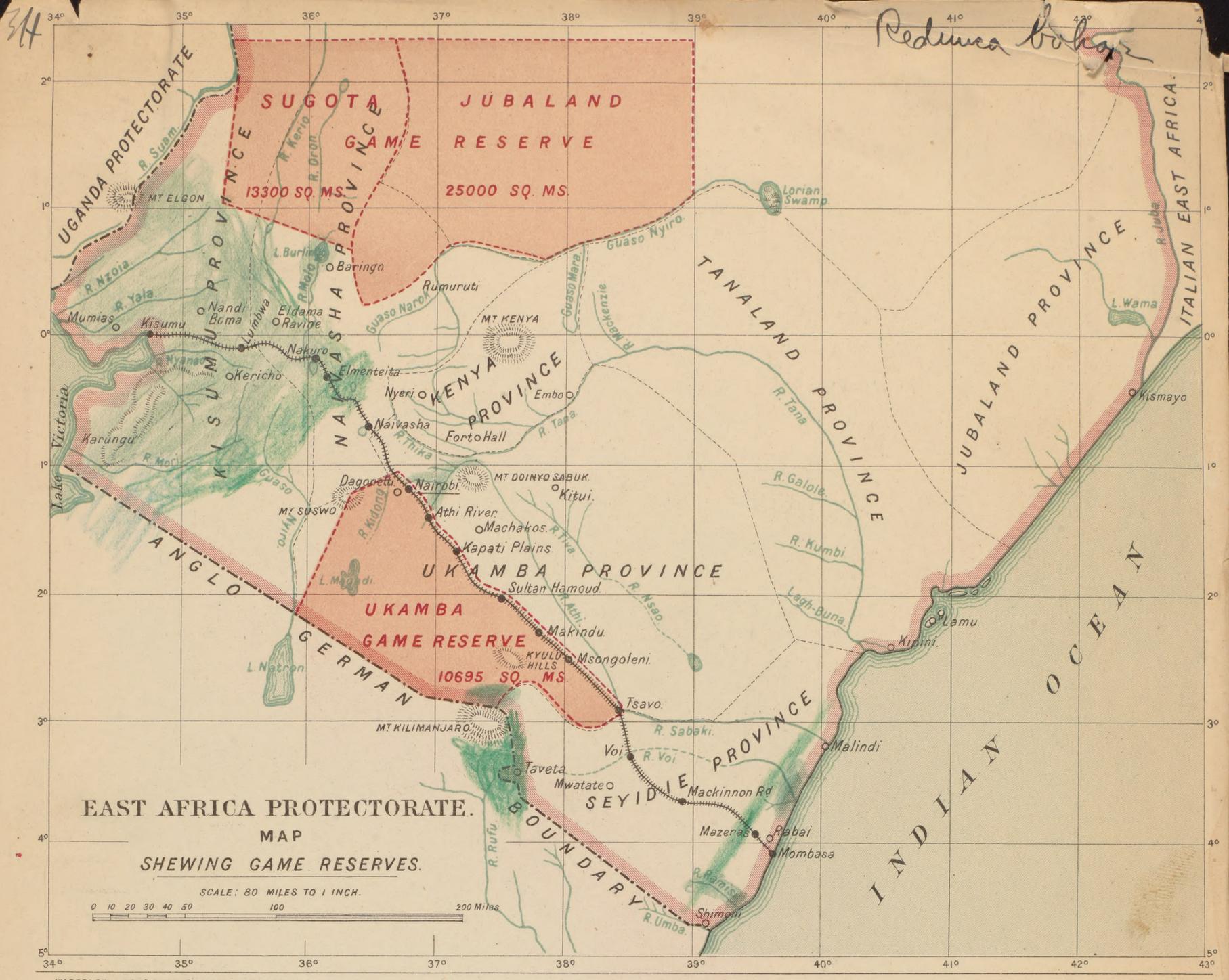




Redunca

- 1 *arundinum* (Cape)
- 2 *thomasi* (Songue R)
- 3 *redunca* (Gore Island)
- 4 *cottoni* (Bah. el-Gerab)
- 5 *wardi* (Man Plateau)
- 6 *donaldsoni*
- 7 *bolivi* (Abyssinia)
- 8 *ugandae* - Aulsole
- 9 *Kochi* - Mariabani
- I *fulvovirgata*
- II *fulvovirgata* (Cape)
- III *subalpina* (Seydenburg)
- IV *chauleri* (Fouquieria nitens)
- V *schouana* (L. Alanya)

Removed to box 10



Redunca bohor

Redunca bohor